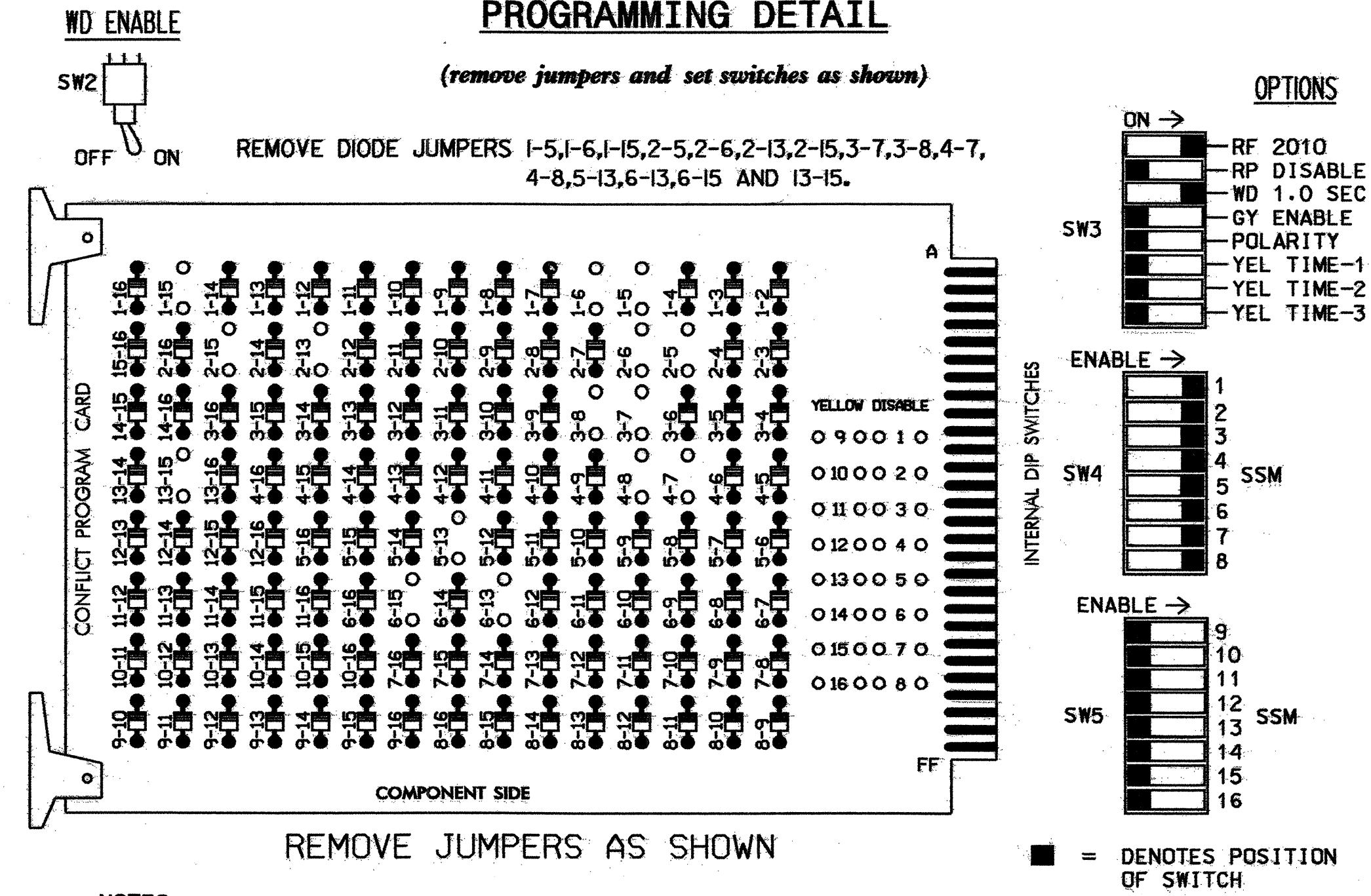


**EDI MODEL 2010ECL CONFLICT MONITOR PROGRAMMING DETAIL**



- NOTES:**
- Card is provided with all diode jumpers in place. Removal of any jumper allows its channels to run concurrently.
  - Make sure jumpers SEL1-SEL5 are present on the monitor board.

**NOTES**

- To prevent "flash-conflict" problems, insert red flash program blocks for all unused vehicle load switches in the output file. The installer shall verify that signal heads flash in accordance with the Signal Plans.
- Ensure that Red Enable is active at all times during normal operation. To prevent Red Failures on unused monitor channels, tie unused red monitor inputs 9,10, 11,12,13,14,15 & 16 to load switch AC+ per the cabinet manufacturer's instructions.
- Program controller to start up in phases 2 and 6 green.
- Enable Simultaneous Gap-Out, on the controller unit, for all phases.
- Program phases 2,4,6 and 8 on the controller unit, for Gap Reduction.
- Program phases 2 and 6, on the controller unit, for Variable Initial.
- Program phases 2 and 6 for 'STARTUP PED CALL'.
- The cabinet and controller are part of the Gastonia City System.

**EQUIPMENT INFORMATION**

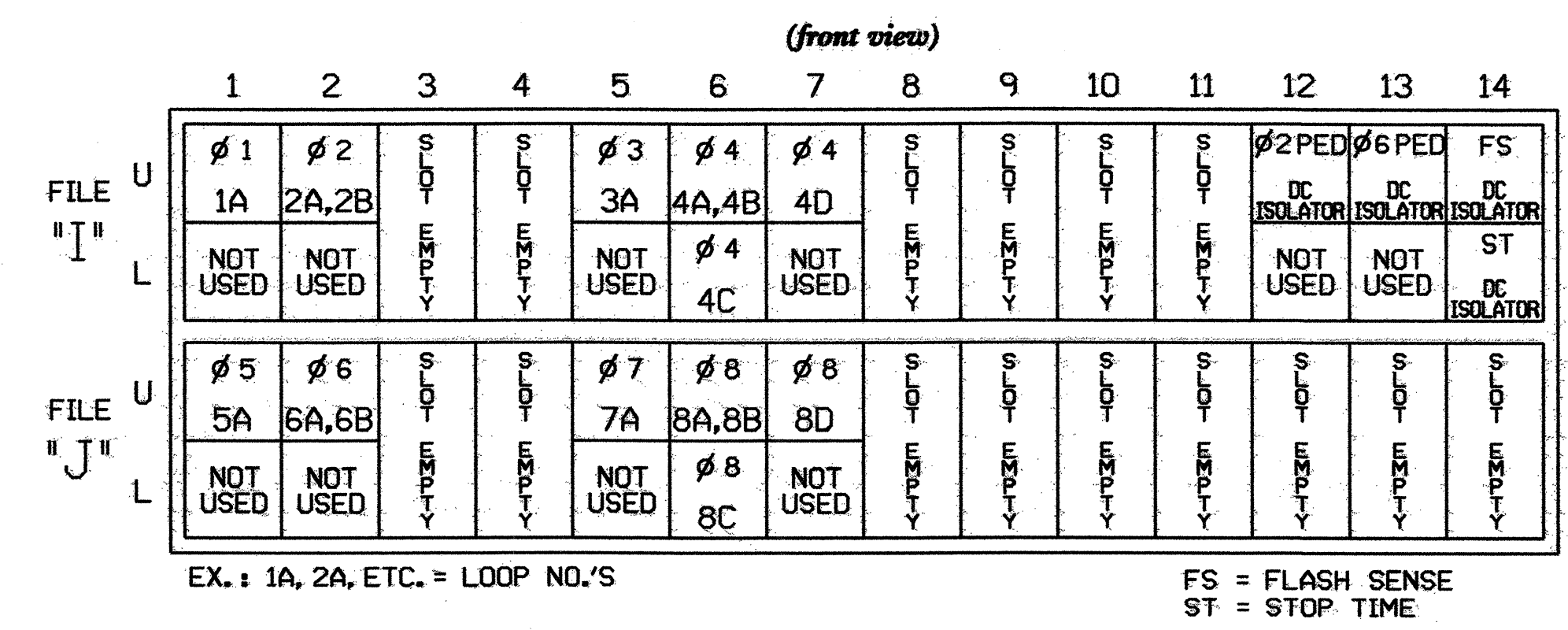
CONTROLLER.....CONTRACTOR SUPPLIED 2070L  
 CABINET.....CONTRACTOR SUPPLIED 332  
 SOFTWARE.....ECONOLITE OASIS  
 CABINET MOUNT.....BASE  
 OUTPUT FILE POSITIONS...12  
 LOAD SWITCHES USED.....S1,S2,S2P,S3,S4,S5,S6,S6P,S7,S8  
 PHASES USED.....1,2,2 PED,3,4,5,6,6 PED,7,8  
 OVERLAPS.....NONE

**FIELD CONNECTION HOOK-UP CHART**

LOAD SWITCH NO.	S1	S2	S2P	S3	S4	S4P	S5	S6	S6P	S7	S8	S8P
PHASE	1	2	2 PED	3	4	4 PED	5	6	6 PED	7	8	8 PED
SIGNAL HEAD NO.	11	21,22	P21, P22	31	41,42	NU	51	61,62	P61, P62	71	81,82	NU
GREEN		130		103				136			109	
YELLOW		129		102				135			108	
RED		128		101				134			107	
RED ARROW	125			116			131				122	
YELLOW ARROW	126			117			132				123	
GREEN ARROW	127			118			133				124	
			115						121			
			113						119			

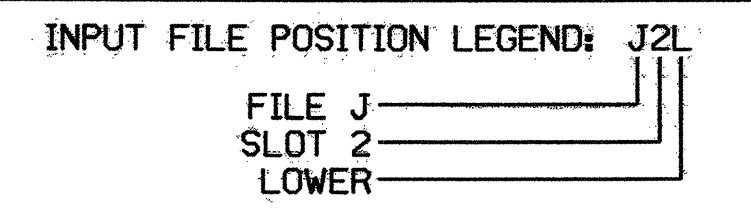
NU = Not Used

**INPUT FILE POSITION LAYOUT**



**INPUT FILE CONNECTION & PROGRAMMING CHART**

LOOP NO.	LOOP TERMINAL	INPUT FILE POS.	PIN NO.	INPUT ASSIGNMENT NO.	DETECTOR NO.	NEMA PHASE	CALL	EXTEND	FULL TIME DELAY	STRETCH TIME	DELAY TIME
1A	TB2-1,2	I1U	56	18	1	1	Y	Y			3
2A,2B	TB2-5,6	I2U	39	1	2	2	Y	Y			
3A	TB4-5,6	I5U	58	20	3	3	Y	Y			
4A,4B	TB4-9,10	I6U	41	3	4	4	Y	Y			
4C	TB4-11,12	I6L	45	7	14	4	Y	Y	Y	2	5
4D	TB6-1,2	I7U	65	27	34	4	Y	Y	Y	2	5
5A	TB3-1,2	J1U	55	17	5	5	Y	Y			3
6A,6B	TB3-5,6	J2U	40	2	6	6	Y	Y			
7A	TB5-5,6	J5U	57	19	7	7	Y	Y			
8A,8B	TB5-9,10	J6U	42	4	8	8	Y	Y			
8C	TB5-11,12	J6L	46	8	18	8	Y	Y	Y	2	5
8D	TB7-1,2	J7U	66	28	38	8	Y	Y	Y	2	5
PED PUSH BUTTONS											
P21,P22	TB8-4,6	I12U	67	29	PED 2	2 PED					
P61,P62	TB8-7,9	I13U	68	30	PED 6	6 PED					



**NOTE:**  
 INSTALL DC ISOLATORS IN INPUT FILE SLOTS 112 AND 113.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 12-1604  
 DESIGNED: January 2005  
 SEALED: 02-18-05  
 REVISED:

**Signal Upgrade**

Electrical and Programming Details For:

**SR 2200 (Gaston Day School Rd.) at Hoffman Road**

Division 12 Gaston County Gastonia

PLAN DATE: February 2005 REVIEWED BY: T. Joyce

PREPARED BY: James Peterson REVIEWED BY:

REVISIONS: INIT. DATE

Signature: *James C. Brown* 5/13/05

Sig. Inventory No. 12-1604

13-MAY-2005 09:18  
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